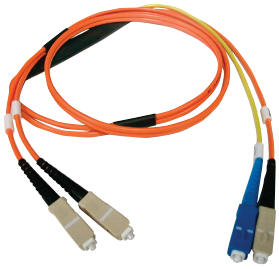
see also: Ethernet 10BASE-T to 10BASE-FL Stand-Alone Media Converters

networking cables

1000MCC-1

Gigabit Ethernet Media Converter Accessory



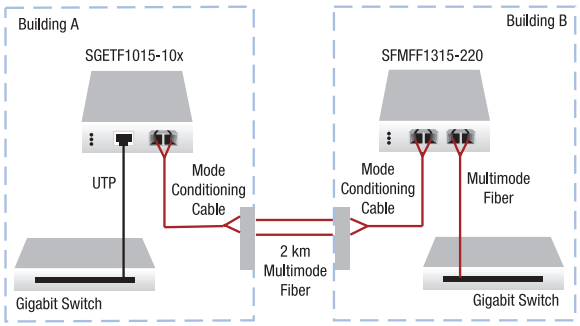
Corporate, industrial or education campuses can now utilize the multimode infrastructure already in place. Users can now upgrade their networks to Gigabit speeds in the most economical manner.

Features

- Extend Gigabit Ethernet over multimode cable up to 500 m* when used in conjunction with xFMFF1314-220, xGETF1014-110 or xGFEB1014-100. It can also extend the distance up to 2 km* when used in conjunction with xFMFF1315-220, xGFEB1015-100 or xGETF1015-110.
- Low cost alternative to recabling IEEE-802.3z compliant Gigabit Mode Conditioning cable allows network managers to upgrade theirmultimode backbone to gigabit speeds without costly recabling.

The Mode Conditioning Cable eliminates the effects of Differential Mode Delay (DMD) by providing an offset launch of the single mode core, into the 62.5 or 50 µm multimode core. Alternative solution to Gigabit products with "24" connector designation for distances up to 2 km on multimode fiber.

Low Cost Alternative to Recabling



Specifications

Standards	IEEE Std. 802.3z
Connectors	SC
Warranty	Lifetime

Ordering Information

1000MCC-1
Mode Conditioning Cable 62.5/50 µm (1 meter cable length); SC connectors
To be used in conjunction with any of the following converters:

CFMFF1314-220
1000BASE-SX 850nm multimode (SC) **[62.5/125 µm fiber: 220 m/722 ft.] [50/125 µm fiber: 550 m/1804 ft.]**
to 1000BASE-LX 1310nm SM (SC) **[500 m/1640 ft.]**

SFMFF1314-220
1000BASE-SX 850nm multimode (SC) **[62.5/125 µm fiber: 220 m/722 ft.] [50/125 µm fiber: 550 m/1804 ft.]**
to 1000BASE-LX 1310nm SM (SC) **[500 m/1640 ft.]**

CFMFF1315-220
1000BASE-SX 850nm multimode (SC) **[62.5/125 µm fiber: 220 m/722 ft.] [50/125 µm fiber: 550 m/1804 ft.]**
to 1000BASE-LX 1310nm SM (SC) **[2 km/1.2 mi.]**

SFMFF1315-220
1000BASE-SX 850nm multimode (SC) **[62.5/125 µm fiber: 220 m/722 ft.] [50/125 µm fiber: 550 m/1804 ft.]**
to 1000BASE-LX 1310nm SM (SC) **[2 km/1.2 mi.]**

CGETF1014-110
1000BASE-T (RJ-45) **[100 m/328 ft.]**
to 1000BASE-LX 1310nm SM (SC) **[500 m/1640 ft.]**

SGETF1014-110
1000BASE-T (RJ-45) **[100 m/328 ft.]**
to 1000BASE-LX 1310nm SM (SC) **[500 m/1640 ft.]**

CGETF1015-110
1000BASE-T (RJ-45) **[100 m/328 ft.]**
to 1000BASE-LX 1310nm SM (SC) **[2 km/1.2 mi.]**

SGETF1015-110
1000BASE-T (RJ-45) **[100 m/328 ft.]**
to 1000BASE-LX 1310nm SM (SC) **[2 km/1.2 mi.]**

CGFEB1014-120
1000BASE-T (RJ-45) **[100 m/328 ft.]**
to 1000BASE-LX 1310nm SM (SC) **[500 m/1640 ft.]**

SGFEB1014-120
1000BASE-T (RJ-45) **[100 m/328 ft.]**
to 1000BASE-LX 1310nm SM (SC) **[500 m/1640 ft.]**

CGFEB1015-120
1000BASE-T (RJ-45) **[100 m/328 ft.]**
to 1000BASE-LX 1310nm SM (SC) **[2 km/1.2 mi.]**

SGFEB1015-120
1000BASE-T (RJ-45) **[100 m/328 ft.]**
to 1000BASE-LX 1310nm SM (SC) **[2 km/1.2 mi.]**

1000MCC-1LC
Mode Conditioning Cable 62.5/50 µm (1 m cable length); SC to LC connectors
To be used in conjunction with any of the following converters:

TN-SFP-LX1 (model with DMI)
1000BASE-LX 1310nm (LC) SM **[500 m/1640 ft.] Link Budget: 11.5 dB**

TN-SFP-LX3
1000BASE-LX 1310nm (LC) SM **[2 km/1.2 mi.] Link Budget: 19.0 dB**
Connect Single Mode connector from the cable to TX port of an LX converter.